EXHIBIT 124





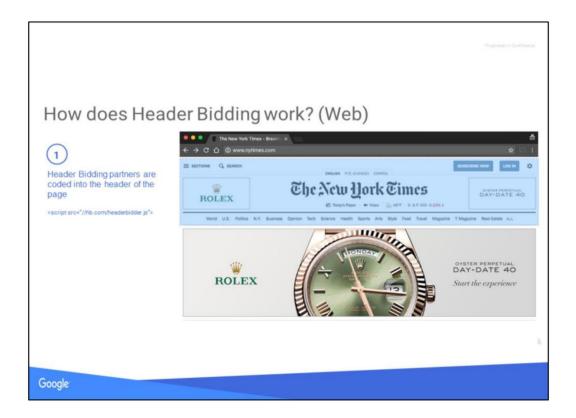
Executive Summary Data Insights (Slides 12-20) 43% of LPS publishers are using header tags AMS pubs have the highest volume of pubs using HB (66%), APAC (28%), EMEA (23%) Only \$% of total indirect impressions (Network + Bulk + Price Priority + AdX) are HB impressions However, AdX has a much higher share at 42% of total indirect impressions ABOPMEXUS, Rubicon, and OpenX are global HB players A3% of publishers using header tags are working with only one HB provider (OpenX or Rubicon) AdX YoY growth for publishers using HB is generally higher (74%) than for ones without HB (41%) Competitive Intelligence (Slides 23-26) In 2016, AppNexus, Index Exchange and OpenX quickly pushed to market, while Rubicon was slower to move with Fastlane. Exchange integrations were for the most part client sides, focused on desktop In 2017, we will see a growing Facebook and Amazon threat, with exchanges expanding their targeting beyond desktop and launching Server-Side integrations, which will compete directly with AdX Narrative (Slides 27-32) Most pubs using HB have the line items set up in DFP such that they are in fair competition with AdX When discussing HB with partners, we want to move away from a unique focus on HB disadvantages towards the advantages of our own offering: the combination of DA and Optimized Pricing, DFL, and EBDA, with full ad server control

What is Header Bidding?

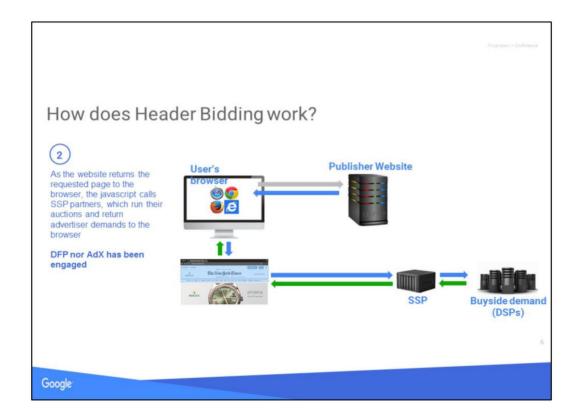
- Header bidding is an ad mediation technique where
 publishers place HTML or JavaScript code in the
 header of their site to run a real time preassessment of the value of their inventory before
 the content of the page loads, and often before a
 publisher's primary ad server is called
- This technique goes by various names: pre-bidding, RTA, RTP and more variants used by different providers
- Header bidding does not replace the ad server: the creative is served in the usual way through the ad server, using server line items and server tags on the page
- The change is that the header bidder targeted line item is selected by DFP if the header bidder replies with a 'yes' to an impression
- Publishers use it if they want to work with multiple exchanges and check real time prices across those exchanges

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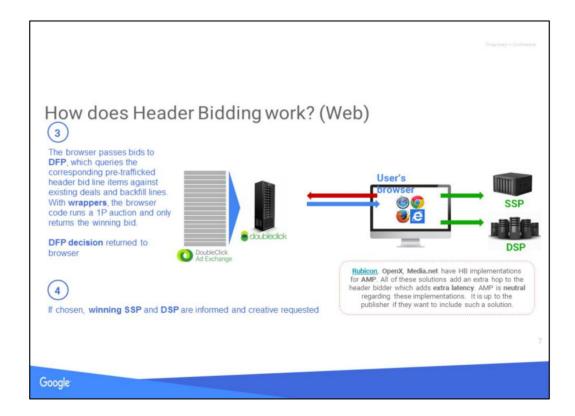
Google



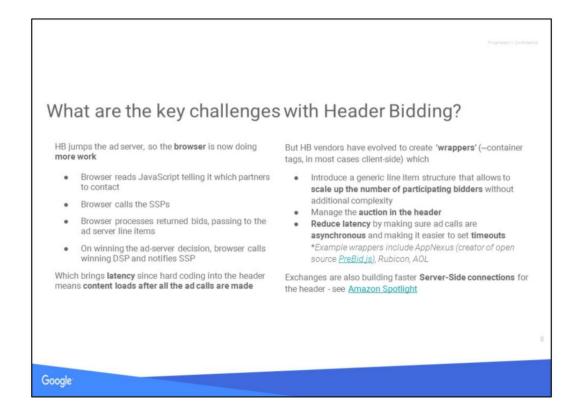
To enable header bidding, publishers place lines of JavaScript known as header tags in the header section of their webpage for each SSP they wish to include.



- When a user visits the webpage, the JavaScript fires before the browser even notifies the ad server, calling the SSP vendors and allowing their auctions to take place on that impression.
- This means even guaranteed line items haven't seen it yet.
- Enables the true value of that impression to be realised in the open market, rather than offered once direct sales have been satisfied.



- Literally tens of thousands of line items need to be created to accommodate possible responses from the SSPs, which are called when that vendor is selected in the header.
- Often the vendors encourage trafficking line items at sponsorship or standard priority, to help them compete in the DFP decision logic. However this can confuse DFP's delivery forecasting, prevent AdX from competing in DA, and disrupt the 'temporary CPM' standard lines get in DA.
- Recommend to your publishers to place header bid line items at priority 12, which allows DA to be more effective for them.
- In an App environment, the SSP's software development kit (SDK) is embedded in the app publisher's code to allow the SSP and its SDK to do the majority of the work, instead of the publisher's ad server.
- In some SSP/SDK integrations, the SSP has the potential to supersede the ad server as the primary decision and execution engine for managing advertising. Again, such an option could be attractive to a publisher not interested in utilizing an ad server to manage ad inventory.

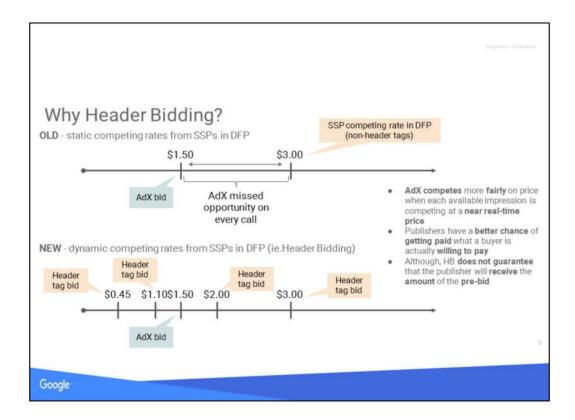


Survey results from IAB interviews show current split in implementations as (not published yet)

Direct - 34%

Container/wrapper - 55%

Server to server - 11%



In Summary: Pros and Cons of Header Bidding Revenues Increased latency - especially in mobile and video = decreased user Publisher has a better chance of getting paid experience, viewability, CTR; Timeouts on HB exchanges significantly what a buyer is actually willing to pay higher than DRX o The mediation network sees 100% of the If a demand partner fails it can block a publisher's site from loading publisher's inventory so can pick the highest Operational complexity - Thousands of line items need to be created and paying impressions and header bid on them managed in order to accommodate possible responses from the SSPs SSPs 'compete' against each other rather than Loss of forecasting integrity in your adserver Data security/leakage - You are giving the SSP network 100% visibility of be called in a waterfall Vs. Passbacks (waterfall) your data, even before you get to see it and the ability for buyers to No network passback needed (since cookie users even if they don't win the impression impression is preselected), so ad serving cost Eventual loss of advertiser trust in RTB auctions - header bidding can make buyers bid against themselves running 2 auctions for every o Only one AdX callout needed to compete with Loss of creative management abilities. all header bidder line items · Significant discrepancies between HB and DFP reports leading to difficult Multiple SSPs integration Header bidding makes that a lot easier since reporting reconciliation and risk of bid fraud Troubleshooting complexity - will require IT assistance beyond the Ad you can plug them in rather than have a crazy tiered setup with loads of passbacks Ops team

Google